

20010804.qrp v02_n271.qrl.20010804

Date: Sat, 4 Aug 2001 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2271

QRP-L Digest 2271

Topics covered in this issue include:

- 1) [104159] Re: Reality
by "TC Dufresne" <tdufresne@neb.rr.com>
- 2) [104160] Homebrew Receiver Question
by NM5Mike@aol.com
- 3) [104161] Re: Homebrew Receiver Question
by lhlousek <lhlousek@nvcbell.net>
- 4) [104162] The Great Battery Survey
by Larry Cahoon <lejek@erols.com>
- 5) [104163] Re: CQ magazine and QRP
by William R Colbert <w5xe@juno.com>
- 6) [104164] Re: LifeSaver Cores.....Seriously.....Sort-of
by "Terres Family" <terresfm@ncia.net>
- 7) [104165] Re: [Elecraft] The Great Battery Survey
by Larry Cahoon <lejek@erols.com>
- 8) [104166] Gap Voyager (160,80,40,20)
by "Thaire Bryant" <tbry37@mediaone.net>
- 9) [104167] Re: Apartment antenna ideas?
by David Gauding <david.gauding@bbs.galilei.com>
- 10) [104168] Re: [Elecraft] The Great Battery Survey
by Wayne Burdick <n6kr@elecraft.com>
- 11) [104169] Attn: QRP Nightowls
by "N7SG K7FD" <k7fd@hotmail.com>
- 12) [104170] WTB Sunlogic Micro P
by n2go@arrl.net
- 13) [104171] What is the BUZ SAW sound on 7.040
by Wayne <aa5jj@swbell.net>
- 14) [104172] Re: What is the BUZ SAW sound on 7.040
by "Rob Matherly" <kc0bom@yahoo.com>
- 15) [104173] Special Ed and Ham Radio
by lenny wintfeld <w2bvh@home.com>
- 16) [104174] FS: Wilderness Sierra QRP Transceiver
by Dave Redfearn <n4elm@home.com>
- 17) [104175] FS: Ten-Tec #217 CW crystal filter
by Dave Redfearn <n4elm@home.com>
- 18) [104176] FS: JPS NRF-7 DSP filter
by Dave Redfearn <n4elm@home.com>
- 19) [104177] Re: What is the BUZ SAW sound on 7.040

- by "Rob Matherly" <kc0bom@yahoo.com>
- 20) [104178] SWAP - Bird 2500H Element
by Jack WsuxABC <w6abc@yahoo.com>
- 21) [104179] Re: Special Ed and Ham Radio
by Pete Burbank <plburbank@kih.net>
- 22) [104180] QRP DXCC (from a YB point of view)
by "Donny Sirait" <dsirait@centrin.net.id>
- 23) [104181] on AWARDS...
by Joel M Denison <hamjoel@juno.com>
- 24) [104182] RBA-1 Balun
by "John Dooley" <w6zip@hotmail.com>
- 25) [104183] Re: What is the BUZ SAW sound on 7.040
by "Leon Heller" <leon_heller@hotmail.com>
- 26) [104184] Re: Homebrew Receiver Question
by "Leon Heller" <leon_heller@hotmail.com>
- 27) [104185] Re: What is the BUZ SAW sound on 7.040
by Michael Bower <bowerm@ix.netcom.com>
- 28) [104186] Re: SWAP - Bird 2500H Element
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [104187] Re: What is the BUZ SAW sound on 7.040
by "Karl F. Larsen" <k5di@zianet.com>
- 30) [104188] FS REDUCED
by paul taylor <ptay1253@yahoo.com>
- 31) [104189] DOX: NØRC Log --FINAL--
by "Rod Cerkoney, NØRC" <rod@n0rc.com>
- 32) [104190] 20m Last Nite & DXCC
by Kenneth Hoglund <hoglund@wfu.edu>
- 33) [104191] 20 meter qrp rig for trade
by "John Dorson" <JDORSON@worldshare.net>
- 34) [104192] Re: DOX: NØRC Log --FINAL--
by "N7SG K7FD" <k7fd@hotmail.com>
- 35) [104193] Re: [Elecrafft] The Great Battery Survey
by Larry Cahoon <lejek@erols.com>
- 36) [104194] Poqet
by John Payne <paynej1@strato.net>
- 37) [104195] Re: RBA-1 Balun
by Phil Wheeler <w7ox@earthlink.net>
- 38) [104196] Re: What is the BUZ SAW sound on 7.040
by William R Colbert <w5xe@juno.com>
- 39) [104197] NA QSO qrParty Plans
by "N7SG K7FD" <k7fd@hotmail.com>
- 40) [104198] RE: Homebrew Receiver Question
by "AI2Q Alex" <ai2q@adelphia.net>
- 41) [104199] Re: NA QSO qrParty Plans
by Phil Wheeler <w7ox@earthlink.net>
- 42) [104200] Re: Apartment antenna ideas?
by "Karl F. Larsen" <k5di@zianet.com>
- 43) [104201] AA5B On from Wheller Peak NOw

by "James R. Duffey" <jamesd1@flash.net>
44) [104202] Re: Apartment antenna ideas?
by RangerSF5@aol.com
45) [104203] Re: The Great Battery Survey
by "Karl F. Larsen" <k5di@zianet.com>
46) [104204] Re: RBA-1 Balun
by "Karl F. Larsen" <k5di@zianet.com>
47) [104205] Re: AA5B On from Wheller Peak NOW
by "Karl F. Larsen" <k5di@zianet.com>
48) [104206] Re: The Great Battery Survey
by Phil Wheeler <w7ox@earthlink.net>
49) [104207] Re: RBA-1 Balun
by "George, W5YR" <w5yr@att.net>
50) [104208] Any thoughts? PW-1 -> 160 Meter
by "Charles Mabbott" <crmabbott@mediaone.net>
51) [104209] Re: The Great Battery Survey
by Larry Cahoon <lejek@erols.com>
52) [104210] RE: The Great Battery Survey
by "Len Revelle" <lenrev@ameritech.net>
53) [104211] Re: Apartment antenna ideas?
by Bruce Muscolino <w6toy@erols.com>
54) [104212] OT: Slash Zero
by "Rob Matherly" <kc0bom@yahoo.com>
55) [104213] Re: Apartment antenna ideas?
by "John Dorson" <JDORSON@worldshare.net>
56) [104214] Re: Apartment antenna ideas?
by Phil Wheeler <w7ox@earthlink.net>
57) [104215] Re: AA5B On from Wheller Peak NOW--should be Wheeler Peak
by William R Colbert <w5xe@juno.com>
58) [104216] HB: IC Sub List?
by Kenneth Hoglund <hoglund@wfu.edu>
59) [104217] Re: HB: IC Sub List?
by Phil Wheeler <w7ox@earthlink.net>
60) [104218] Re: Any thoughts? PW-1 -> 160 Meter
by "Bob Tellefsen" <n6wg@earthlink.net>
61) [104219] Re: Any thoughts? PW-1 -> 160 Meter
by Phil Wheeler <w7ox@earthlink.net>
62) [104220] Re: RBA-1 Balun
by "W3CDE Jerry L." <w3cde@bellsouth.net>
63) [104221] Re: HB: IC Sub List?
by "W3CDE Jerry L." <w3cde@bellsouth.net>
64) [104222] Re: Apartment antenna ideas?
by <brownh@hartford-hwp.com>
65) [104223] Re: HB: IC Sub List?
by "W3CDE Jerry L." <w3cde@bellsouth.net>
66) [104224] Tuthill Badges
by "Bob Hightower" <nk7m@extremezone.com>
67) [104225] Antenna feed line length?

- by Lourette <lourette@localnet.com>
- 68) [104226] Re: RBA-1 Balun
by Stephan Greene <sgreene@patriot.net>
- 69) [104227] 80 meter QRPp CW beacon / propagation study
by "Bill, N4QA" <n4qa@hotmail.com>
- 70) [104228] Re: 80 meter QRPp CW beacon / propagation study
by Phil Wheeler <w7ox@earthlink.net>
- 71) [104229] Atomic Clocks/Thermometer at Costco
by lhlousek <lhlousek@nvgbell.net>
- 72) [104230] Re: Antenna feed line length
by "James R. Duffey" <jamesd1@flash.net>
- 73) [104231] Re: 80 meter QRPp CW beacon / propagation study
by "Bill, N4QA" <n4qa@hotmail.com>

Date: Fri, 3 Aug 2001 23:20:29 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [104159] Re: Reality
Message-ID: <00c201c11c6a\$80e83fe0\$0dba1c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl: I agree, to a point.

However, if we fail to remember and study history, we are bound to make the same mistakes our forefathers made!

Applying this to radio....

What fun I have had reading and studying about radio back in the fifties, and even fourties. They really built 'em back then! I appreciate the craftsmanship and engineering that is evident in some of those old glowbugs.. Wow!!

This studying and reading about older radio has helped me immensely to understand the "hows and whys" of radio. I'm still trying to understand! If I was to forget the past and look only ahead, I would NEVER understand how radios work. Why is that important? Well, for ME it is. I want to know the "hows and whys", not just that when I turn the switch on I am a ham.

I say, study and read about the past, plan and look forward to the future, but live in the present!

JMHO

Tom

Date: Fri, 3 Aug 2001 19:35:01 EDT
From: NM5Mike@aol.com
To: qrp-1@lehigh.edu
Subject: [104160] Homebrew Receiver Question
Message-ID: <77.1882f1f0.289c8f25@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Recently I completed a superhet receiver for 40 meters. While the receiver works very well (ie. sensitivity, selectivity), the audio output quality is pretty poor. The audio level fills the headphones however there is quite a bit of "hiss".

I am using a single LM386 for the audio amplifier. Has anyone resolved this problem using an audio filter that would attenuate the "high end" noise? Any suggestions are welcome.

Regards,

Eric NM5M

Date: Fri, 03 Aug 2001 17:28:54 -0700
From: lhlousek <lhlousek@nvhbell.net>
To: NM5Mike@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104161] Re: Homebrew Receiver Question
Message-ID: <000601c11c7c\$84f29f60\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hi Eric,

Look at the very bottom of the following page. It has a schematic for a passive filter. I was thinking about trying it for my K1 or SST. The tough part will be finding a low resistance 100mH inductor. It might be more practical to build active filter with an opamp.

http://www.qsl.net/nogaqrp/projects/NOGApig_v2_1/NoGaPiG_Construction_Manual_Ver_2.1.html

Lou W7DZN

Date: Fri, 03 Aug 2001 23:16:46 +0100
From: Larry Cahoon <lejek@erols.com>
To: elecraft@qth.net, qrp-1@lehigh.edu
Subject: [104162] The Great Battery Survey
Message-ID: <5.0.2.1.0.20010803230515.00a09110@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I asked that those who used batteries for the flight of the bumblebees send me some data on how they held up for the contest. Well I didn't get an overwhelming response - a grand total of the guys sent something. I appreciate the effort and the results are informative.

1. All used the K1
2. All used NiMH AA batteries.
3. None had a problem getting the batteries to last the duration - two worked the full four hours.
4. The two who went the full four hours did most CQ rather than hunt and pounce.
5. Best showing was 68 QSOs - this was 75% CQ running 3 watts with 8 - 1600 mAh double AAs.

Now let's see what kind of results we get from the "Power Management Contest" tomorrow that piggybacks on the NA QSO Party. Rules are at <http://www.qsl.net/wd3p/pwrcontest/pwrcontest.htm>

Remember you are limited to using 10 AA batteries of any type. When those 10 batteries are dead the piggyback contest is over - be sure to continue in the regular contest and send in your logs.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Fri, 3 Aug 2001 19:10:57 -0600
From: William R Colbert <w5xe@juno.com>
To: ARDUJENSKI@aol.com, qrp-1@lehigh.edu
Subject: [104163] Re: CQ magazine and QRP
Message-ID: <20010803.191058.-172027.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Here is their web site: <http://www.cq-amateur-radio.com/>

I think they have had quite a few good articles - Dave Ingram usually has at least one QRP or Glowbug related article every couple of months - Antenna articles are in almost every issue - Arnie Coro C02KK, a member of the QRP-L and Glowbug lists has antenna articles and other interesting things. There is a lot less flashy advertising than in QST, and I think article per article, better and more for the average amateur.

Worth your while to have a look at the archives, plus they have the current issues normally at Barnes & Noble, and in this area, supermarkets, etc.

73

Ray

Low oil supplies? -All the oil is in Texas, Oklahoma, Alaska, Louisiana, etc. But all the dipsticks are in Washington, D.C.

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2r SOC#78

El Paso (Far West), Texas

Date: Fri, 3 Aug 2001 21:25:40 -0400

From: "Terres Family" <terresfm@ncia.net>

To: <dpayton@fwi.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [104164] Re: LifeSaver Cores.....Seriously.....Sort-of

Message-ID: <002801c11c84\$60f033e0\$6181f3ce@computer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

hi dennis

great post

i thought about this when the '2n2222 challenge' was new, if y2k was really bad, then ferrite cores would be unobtainable. the shape is what is self shielding, its a magnet bent so the north and south pole meet, amidon or micrometals sells a core that is the same permeability as air, basically just a form to support the wire winding. pre ticket i made a sw receiver that was basically a crystal set for hf with a lm386 audio amp, the local am station blasted through(WLTN you can hear it in littleton with a crystal set with a nail in the ground for an antenna, tuning optional). so i found a

high pass filter design, but had no toroid cores. knowing *nothing* i wound audio tape into little donuts, put glue on them to hold them together and used them for my toroids, easy to conceive of but not so easy to do in practice, ended up taking a cassette case apart and used it to hold the wrappings straight as i wound onto probably a pencil, the high pass filter (i think) worked. i have no idea what the inductance was or losses. for practical air cores you need a zillion windings, really thin wire, (which i think increases resistance and lowers q)

73

jerry aa1of
franconia nh

----- Original Message -----

From: "Dennis Payton" <dpayton@fwi.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, August 02, 2001 21:07 PM

Subject: LifeSaver Cores.....Seriously.....Sort-of

> I was wishing that air-core inductors didn't require so much space, so I
> could more easily use one in a VFO I'm building, and I got to wondering,
are
> toroids self-shielding only because of their shape? I decided to try an
> experiment to find out.
>
> On the way home from work I stopped and bought a roll of wintergreen
> Lifesavers to use as forms. I need about 1.8 uh for the VFO I'm building
and
> found that 38 turns of #26 wire on a Lifesaver gave me just that. I tinned
> the wires, then soldered a 4.7 M resistor across them, mounting it tightly
> against the bottom of the Lifesaver for mechanical stability. Next I
coated
> the inside and sides of the core with Q-dope, trying to leave the outside
of
> it exposed.
>
> After it dried, I tossed it in a pan of boiling water and boiled it until
> the Lifesaver was gone, which also annealed the wire, and it came out as
> well as I'd hoped. It's very light and appears to be durable. And initial
> tests are encouraging. Neither slipping it inside a small foil box, nor
> sandwiching it between two pieces of board material appears to have much
of
> an affect on the inductance, maybe .005 uh. Does anybody have a comment?
If
> air cores like this are self-shielding, most people probably already know
> it, but it's a new one for me.
>
> Thanks,
>

> Denny Payton, N9JXY
> Auburn, IN

Date: Sat, 04 Aug 2001 00:34:32 +0100
From: Larry Cahoon <lejek@erols.com>
To: Phil Wheeler <w7ox@earthlink.net>, qrp-1@lehigh.edu, elecrafft@qth.net
Subject: [104165] Re: [Elecrafft] The Great Battery Survey
Message-ID: <5.0.2.1.0.20010804003317.00a196f0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Guess I can't get it right - I got three responses. - than was it.

Tnx and 73 de Larry.....WD3P

At 06:15 PM 08/03/01 -0700, Phil Wheeler wrote:

>Larry Cahoon wrote:
> >
> > I asked that those who used batteries for the flight of the bumblebees send
> > me some data on how they held up for the contest. Well I didn't get an
> > overwhelming response - a grand total of the guys sent something.
>
>Larry, I think you left out the number who responded.
>
>Phil

Date: Fri, 3 Aug 2001 21:17:58 -0400
From: "Thaire Bryant" <tbry37@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104166] Gap Voyager (160,80,40,20)
Message-ID: <000801c11c85\$78a6a5e0\$41506041@ne.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Does anybody have experience with this antenna,
good or bad? I'm specifically interested in 160
operation. Please reply direct.

Thank you,

Thaire W2APF

Date: Fri, 03 Aug 2001 20:47:31 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [104167] Re: Apartment antenna ideas?
Message-ID: <5.1.0.14.0.20010803164042.02425b80@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Scott,

At 04:54 PM 8/3/01 -0400, you wrote:

>I live in a second story apartment with a sliding window and screen which
>opens to the parking lot of the complex.

I don't know enough about your apartment to make an specific
recommendations for indoor antennas.. But, for what it's worth I prefer a
doublet or a loop, bent to fit the available space, if necessary. That
recommendation based on running indoor stuff for eighteen years.

Until you decide on a permanent antenna try loading that "sliding window
and screen" using a tuner. Might surprise you! Add some quarter-wave
counterpoises to the ground lug, as many as you can conveniently fit along
the baseboard of the room. A single strand of wire is okay, speaker cable,
rotor cable or even ribbon cable would be even better. You might also try
augmenting that system with window screening or aluminum foil. Place under
an area rug or push-pin to the baseboard if that is possible.

I'm assuming your window arrangement is bare aluminum. If it's vinyl coated
or anodized (curses!) drop me a private e-mail and I'll tell you what I
have done to adapt those frames for others.

Regarding window screens and frames, they can offer surprising results when
accompanied by realistic performance expectations. I loaded a tall, narrow
aluminum frame window screen (maybe 18" by 50") in a ground floor office
with an old Century 21. No tuner, just ran a piece of coax (floating
shield, no counterpoises) from the screen to the antenna jack. Cranked in a
few watts and called CQ. My first contact on 40CW from St. Louis was a V01!
I've always thought that was kind of neat!

Then I took that screen home and operated with it standing in the corner of

a spare bedroom on the second floor of our condo. Didn't do too badly either considering the alternative could have been no antenna at all. Worked some stations, had some fun, and learned a few things getting my hands dirty. Later, I brought home two of the screens and configured them as a tuned doublet in the attic. They worked great!

I always regret not pursuing the doublet experiment a little further but that was a long time ago. These days, even though we now have a house, I still watch the garage sales for a matched set of tall and narrow window screens for when we return to a condo someday.

The best way to configure screen doublets (the screens located in the middle at the high current point) is to add wire radiators to both ends to get as close as possible to the mechanical length of the lowest frequency of operation. There is a ton of capacitance to work thanks to all that screen wire. But, with any compromise antenna get as much radiator radiator as you can working for you.

Screen doublets will actually load on just about any band within reason without augmentation wires. Still, you need something more than a fraction of a quarter-wave to achieve predictable performance. I may have tried adding wires to single-screens to get closer to a traditional quarter-wave dimension but I just don't remember anymore.

I also loaded a single double-hung window screen in another spare bedroom on several bands. Then, made a few contacts on 40M with an old Tejas Backpacker II into a couple of near-by states. That was a one-watt ego trip for me but it really was quite amazing to find out what could be done with literally no detectable antenna at all. Kinda' like a rain gutter but different!

Later, on 5 watts things went a lot better. I ragchewed with that screen on and off for several weeks across 20-30M using an old Argosy II. Running on 40M was really pushing it for the other guy. I don't think 10-15M was open much around that time.

Okay! Here is the last war story! Our last condo had an aluminum three-panel sliding patio door with screen. A monster! I used to load it from 10-40M with a old MFJ-941B tuner and the Argosy II. Just for grins but did a lot of casual operating from my living room with that arrangement. Moving the screen along the track never did change the SWR much. I had expectations of claiming that it was possible to tune the antenna that way but alas!

Hope this is useful information for you, Scott. It might get you on the air for now until you can devise a better indoor antenna for that apartment.

Good luck OM.....from a reformed (temporarily) cliffdweller. <g>

de Dave, NF0R nf0r@slacc.com

Date: Fri, 03 Aug 2001 19:06:12 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: Larry Cahoon <lejek@erols.com>
Cc: elecraft@qth.net, qrp-1@Lehigh.EDU
Subject: [104168] Re: [Elecraft] The Great Battery Survey
Message-ID: <3B6B5892.5496351C@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry,

Thanks a lot for gathering all of this info. As an avid trail/portable operator, I hope that such reporting of battery performance becomes a regular post-contest feature.

73,
Wayne
N6KR

Larry Cahoon wrote:

>
> I asked that those who used batteries for the flight of the bumblebees send
> me some data on how they held up for the contest....

Date: Fri, 03 Aug 2001 19:21:25 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [104169] Attn: QRP Nightowls
Message-ID: <F138T6ef9I0VJPFYwLD00000dd37@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Radio Seal Rock Int'l will be on 7.040MHz +- at 1am PDT this morning looking for late night qrp'ers...

...so if you can't sleep, have indigestion, or get kicked out of bed, stop by and say howdy!

See you in 6 hours!

John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Fri, 3 Aug 2001 18:10:08 -0400 (EDT)
From: n2go@arrl.net
To: qrp-1@Lehigh.EDU
Subject: [104170] WTB Sunlogic Micro P
Message-ID: <Pine.LNX.4.21.0108031807510.5140-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone have this item or a Micro M+ that they have outgrown?

73,

Jim n2go

Date: Fri, 03 Aug 2001 21:46:09 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104171] What is the BUZ SAW sound on 7.040
Message-ID: <000d01c11c8f\$9e24d6c0\$d761fea9@Wayne>

MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

There is a BUZ SAW sound on 7.040 that I have never heard before any ideas
what this is ?

Wayne AA5JJ

Date: Fri, 3 Aug 2001 21:57:25 -0500
From: "Rob Matherly" <kc0bom@yahoo.com>
To: <aa5jj@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [104172] Re: What is the BUZ SAW sound on 7.040
Message-ID: <018501c11c91\$35f57940\$5411a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I'm hearing something like that on 7.050. I've heard it before, but don't
have the foggiest idea what it is!

Rob, kc bom (woo, fancy zero!)

----- Original Message -----
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, August 03, 2001 9:46 PM
Subject: What is the BUZ SAW sound on 7.040

> There is a BUZ SAW sound on 7.040 that I have never heard before any ideas
> what this is ?
>
> Wayne AA5JJ

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 03 Aug 2001 22:58:29 -0400

From: lenny wintfeld <w2bvh@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104173] Special Ed and Ham Radio
Message-ID: <3B6B64D5.23DCE777@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

I've got a "special" kid. I guess all parent's kids are special, but Ben is special and autistic. I don't want to go into too many details here on QRP-L, but: After 14 years, he's showing some interest in ham radio. To the extent of asking how to get a license. I don't know how serious he is and how committed he would be in learning for the test.

I have no illusions, and am very good at managing his expectations, but it seems to me that he has at least a chance of learning enough to try the Tech test.

On thing's for sure: if he was able to pass, he'd be a responsible op. He's very good at following directions once shown.

Are there any special ed teachers on the list who could suggest an approach to teaching him for the tech test? The "normal" approach is certain to turn him off almost immediately.

Please contact me off list.

Thanks in advance for any suggestions.

73,

Lenny W2BVH

Date: Fri, 03 Aug 2001 22:00:14 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104174] FS: Wilderness Sierra QRP Transceiver
Message-ID: <3B6B653E.8C89F926@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

For Sale:

Wilderness Sierra HF transceiver
0 - 150 KHz VFO, RIT, ABX,
full break-in CW, approx 1-2 watts output

includes:

KC2 LCD display/keyer
BuzzNot Noise Blanker

Band modules for:
160, 80,40,30,20,17,15,12,& 10 Meters.

In very good condition, no scratches or dings.
Everything works well
Comes with manual, and DC cable.

Asking \$475.00 OBO + shipping from TX

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Fri, 03 Aug 2001 22:03:35 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Ten Tec mailing list
<tentec@contesting.com>
Subject: [104175] FS: Ten-Tec #217 CW crystal filter
Message-ID: <3B6B6607.1F9FC391@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:
Ten-Tec CW Crystal filter

#217 - 500 Hz

for Argosy, Corsair, Omni & others

Works fine, good condition

\$75.00 OBO + shipping from TX.

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Fri, 03 Aug 2001 22:07:09 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104176] FS: JPS NRF-7 DSP filter
Message-ID: <3B6B66DD.18B3ADF1@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

JPS NRF-7 DSP
General Purpose Noise Remover and Filter

Description:

The NRF-7 is an audio processor designed to enhance the quality of received voice, CW, and Data transmissions by providing exceptional bandpass, white noise reduction, and hetrodyne removal using Digital Signal Processing (DSP).

The filter modes are CW narrow, CW wide, SSB narrow, SSB wide, Notch filter, Peak Filter, Notch plus Peak, SSB wide filter plus Notch, SSB narrow filter plus Notch, and DATA filter.

The unit measures about 1.7" high x 6.5" wide x 5.1" deep.

Operates on +11 to +16 Volts DC.

Condition:

There are minor wear marks and scratches on the top of the case. The front panel is clean. Overall the equipment is a 8 or 9 for cosmetics. Everything works normally.

Comes with: manual.

Asking \$100.00 OBO + shipping from TX.

73 - Dave

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Fri, 3 Aug 2001 22:11:10 -0500
From: "Rob Matherly" <kc0bom@yahoo.com>
To: <kc0bom@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [104177] Re: What is the BUZ SAW sound on 7.040
Message-ID: <018b01c11c93\$265ec5c0\$5411a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh. I see the alt-0-2-1-6 trick doesn't work here. Dang.

Rob, kc_0_bom

----- Original Message -----

From: Rob Matherly <kc0bom@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, August 03, 2001 9:57 PM
Subject: Re: What is the BUZ SAW sound on 7.040

> I'm hearing something like that on 7.050. I've heard it before, but don't
> have the foggiest idea what it is!

>
> Rob, kc bom (woo, fancy zero!)

>
> ----- Original Message -----
> From: Wayne <aa5jj@swbell.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Friday, August 03, 2001 9:46 PM
> Subject: What is the BUZ SAW sound on 7.040

>
>
> > There is a BUZ SAW sound on 7.040 that I have never heard before any
ideas
> > what this is ?
> >
> > Wayne AA5JJ

>
>
> -----
> Do You Yahoo!?

> Get your free @yahoo.com address at <http://mail.yahoo.com>

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Fri, 3 Aug 2001 20:36:23 -0700 (PDT)
From: Jack WsuxABC <w6abc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [104178] SWAP - Bird 2500H Element
Message-ID: <20010804033623.64516.qmail@web14203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,

I've got a new 2500H element for the Bird 43 that I'd love to swap for 2 lower power elements. I'd like the (100H) 100 watt 2-30 Mhz slug and another HF level perhaps the (50H) 50 watts or (1000H) 1000 watts for HF. The 2500H is a 2500 watt HF slug and sells for \$130. Would consider a trade for the 100H and another QRP item as well, or sell outright for \$110 shipped. I have never used this slug because of my QRP operating, but perhaps someone out there who also operates QRO could put it to use.

73,

Jack

=====

Visit my website: <http://home.pacbell.net/friday2k>

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<http://phonecard.yahoo.com/>

Date: Fri, 03 Aug 2001 23:45:08 -0400
From: Pete Burbank <plburbank@kih.net>
To: w2bvvh@home.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104179] Re: Special Ed and Ham Radio
Message-ID: <5.0.2.1.0.20010803233302.00aa0270@KIH.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:58 PM 8/3/2001 -0400, lenny wintfeld wrote:

>Hi

>

> I've got a "special" kid. I guess all parent's kids are special,
>but Ben is special and autistic. I don't want to go into too many
>details here on QRP-L, but: After 14 years, he's showing some interest
>in ham radio. SNIP

Lenny I think most Hams are very understanding and a visit to your local
ham club

should suffice.

I don't think you could afford a greater group of therapists.

73 Pete NV4V

Date: Sat, 4 Aug 2001 12:33:30 +0700

From: "Donny Sirait" <dsirait@centrin.net.id>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [104180] QRP DXCC (from a YB point of view)

Message-ID: <000a01c11ca7\$1261ccc0\$caee92ca@donnysirait>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Dear QRP folks,

We have been talking about this qrp dxcc a lot for sometime and
suddenly when the ARRL states that they will issue a version of
a dxcc award for qrp we start to get angry and yelling??

Well we can debate in this issue to the bottom but I believe there
will still be something that we cannot agree upon and both sides
always have their point so what then??

- Get a dxcc qrp award without the standards qrpers demand and work towards
it?
- Or just ignore it and hope that someday the ARRL will come out with one

I think what Adrian mentioned in his posting is very valid, DXCC IS AN AWARD
THAT YOU GET BECAUSE YOU WANT TO PROVE THAT YOU ARE ELIGIBLE
FOR THAT RECOGNITION,
IT IS NOT AN AWARD GIVEN TO SOMEONE, BECAUSE SHE OR HE WAS
REALLY OUTSTANDING AND WAS RECOGNISED BY AN ORGANIZATION,

FOUNDATION OR WHAT EVER i.e. the QRP hall of Fame??

So what is this all about??

It means that we ourselves are the one who at the end of the day knows the credibility of the award itself aren't we??

As a semi dx station sometimes I receive a qsl card for contacts which I never

made and probably I also send 1qsl cards to stations I did not work (please do

not take me wrong on this, you frequently miscopied a call during a contest and

I always send qsl card for contest qso). Who the hell in this world will be able

to know that such qsl cards is not valid in the first place??

The DXCC card checker will normally not discover such fraud claim and the person goes home with a fraud dxcc award.

It is again we who knows exactly the credibilty of the award we posses.

So guys calm down and let us, "ourselves" appreciate our achievements or probably we should sponor the milliwatt dxcc trophy again or probably we should establish the QRP DXer Hall Of Fame???

My point of view as a DXer, ARRL member, ORARI member, Member of the will be YBQRP club but unfortunately could not afford to be a member of ARCI, Norcal etc.

72 de YB1B0D
Donny Sirait
Bekasi Indonesia

Date: Sat, 4 Aug 2001 01:52:23 -0400
From: Joel M Denison <hamjoel@juno.com>
To: qrp-l@lehigh.EDU, fpqrp-l@mpna.com
Subject: [104181] on AWARDS...
Message-ID: <20010804.015334.-16503177.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

gOT my was qrp on the wall, was a fun thing to do... did it with an argonaut 509...

also worked all continents HOWEVER. my qsl cards got lost in the mail as the awards guy had moved.... so my qsl were gone....

HOWEVER he told me just to send a copy of the log and that would be proof enough....

However

since we no longer had to keep logs for the fcc, I couldn't find the papers I wrote the contacts down on and lost out on wac qrpp...disappointed, yep... my own fault yep...most reasonable request by qrparci awards person...just my laxidazical habbits caught up with me....

However I did wac qrpp, I kneaux it and that;s almost as rewarding as having the paper on the wall... and I find the arrl just asking for your log entries to verify the qrp contact most reasonable...it's a giant step in the right direction.... and has me thinking about getting a log book and seeing what I can do to work 100 countries and log the contacts... will qualify me for the qrparci award also...

Best of all it will make me happy to work 100 countries and if folk want to give me a piece of papper saying ah did it... so much the better...doing it... is what counts to me...and what anyone thinks of my ability to "prove" ah done it, has no bearing on the fact ah done it... however it will keep me from geting the papper to post on the wall :) However ah gots me a computer and printer so iffin ah needs the wall paper I kneauxs how to get the job done.... hee hee...

Oh Ed, thanks for ur efforts on behalf of qrp... u shoot straight and don't pull punches... u got one vote for being a good guy....

ke1la joel
in maine
mainely confused

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 03 Aug 2001 23:09:06 -0700
From: "John Dooley" <w6zip@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [104182] RBA-1 Balun
Message-ID: <F35St1XQHpdwjUvfT560000f400@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I've just been to the LDG Electronics web site and spotted a liittle balun kit called the RBA-1. The article states: "The RBA-1 Balun was designed to allow easy interface of ladder line antennas and long wires to the LDG line of Automatic Antenna Tuners. The Balun operates

"stand alone", thus does not require an LDG Tuner. It may be used with any of your long, random, or ladder line antenna projects. The unit is available in both kit and assembled form. The kit can be built in about 15 to 30 minutes. The small size and easy-to-build construction will make this balun a welcome station accessory."

Has there been any reflector activity in regards to it's effectiveness? Can anyone offer some personal experiences with use of this product in QRP applications?

If you would like to check out the web site yourself, it's at:

<http://www.ldgelectronics.com/ba-1.html>

-73's John W6ZIP

Victorville, Ca.

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 04 Aug 2001 06:58:54 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: aa5jj@swbell.net, qrp-1@Lehigh.EDU
Subject: [104183] Re: What is the BUZ SAW sound on 7.040
Message-ID: <F9IIZS2TRqf69aZbLAX000125c1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>There is a BUZ SAW sound on 7.040 that I have never heard before any ideas
>what this is ?

I think I found it.

It's quite a strong signal here in the UK. Power goes up and down every few seconds.

How about a couple of people with rotatable antennas getting a bearing and finding where it is coming from?

73, Leon

--

Leon Heller, G1HSM

Tel: +44 1327 359058

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 04 Aug 2001 07:10:19 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: NM5Mike@aol.com, qrp-1@Lehigh.EDU
Subject: [104184] Re: Homebrew Receiver Question
Message-ID: <F106DyseVwrb1Zz02H60000aec8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Recently I completed a superhet receiver for 40 meters. While the receiver
>works very well (ie. sensitivity, selectivity), the audio output quality is
>pretty poor. The audio level fills the headphones however there is quite a
>bit of "hiss".

If it's coming from the IF amp. and you are using a xtal ladder filter you
should use another xtal filter before the product detector. High-gain IC IF
amplifiers produce lots of broadband noise. You don't need anything as fancy
as the main filter, a couple of crystals should do it.

73, Leon

--

Leon Heller, G1HSM
Tel: +44 1327 359058
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 04 Aug 2001 07:24:11 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: kc0bom@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104185] Re: What is the BUZ SAW sound on 7.040
Message-ID: <3B6BDB5B.8EAF6632@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, I'll bite. What is the alt-0-2-1-6 trick???

Curios minds need to know.

N4NMR

Rob Matherly wrote:

```
>
> Oh. I see the alt-0-2-1-6 trick doesn't work here. Dang.
>
> Rob, kc_0_bom
>
> ----- Original Message -----
> From: Rob Matherly <kc0bom@yahoo.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Friday, August 03, 2001 9:57 PM
> Subject: Re: What is the BUZ SAW sound on 7.040
>
> > I'm hearing something like that on 7.050. I've heard it before, but don't
> > have the foggiest idea what it is!
> >
> > Rob, kc bom (woo, fancy zero!)
> >
> > ----- Original Message -----
> > From: Wayne <aa5jj@swbell.net>
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Sent: Friday, August 03, 2001 9:46 PM
> > Subject: What is the BUZ SAW sound on 7.040
> >
> >
> > > There is a BUZ SAW sound on 7.040 that I have never heard before any
> > ideas
> > > what this is ?
> > >
> > > Wayne AA5JJ
> >
> >
> > -----
> > Do You Yahoo!?
> > Get your free @yahoo.com address at http://mail.yahoo.com
>
>
> -----
> Do You Yahoo!?
> Get your free @yahoo.com address at http://mail.yahoo.com
```

--

73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Sat, 4 Aug 2001 05:30:21 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Jack WsixABC <w6abc@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104186] Re: SWAP - Bird 2500H Element
Message-ID: <Pine.LNX.4.33.0108040528170.1333-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry Jack, the 2500H slug is not big enough for the Henry 4k-2 amp I drive with a k-2 and the 100 watt amp...:-)

On Fri, 3 Aug 2001, Jack WsixABC wrote:

> Hi,
> I've got a new 2500H element for the Bird 43 that I'd
> love to swap for 2 lower power elements. I'd like the

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 4 Aug 2001 05:33:17 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Wayne <aa5jj@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104187] Re: What is the BUZ SAW sound on 7.040
Message-ID: <Pine.LNX.4.33.0108040531070.1333-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wayne I will put together my W3FF dipole and with the fair null off the ends of this rotatable antenna determine 2 possible directions to here and send it to this list.

On Fri, 3 Aug 2001, Wayne wrote:

> There is a BUZ SAW sound on 7.040 that I have never heard before any ideas
> what this is ?
>
> Wayne AA5JJ
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 4 Aug 2001 04:35:06 -0700 (PDT)
From: paul taylor <ptay1253@yahoo.com>
To: qrp-1 <qrp-1@LEHIGH.EDU>
Subject: [104188] FS REDUCED
Message-ID: <20010804113506.7377.qmail@web14305.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

F/S hx 10. 10m xcver. 25w ssb 10w fm, cw
\$80.00 to your door
paul wb2gin

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Date: Sat, 4 Aug 2001 05:42:55 -0600
From: "Rod Cercone, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104189] DOX: N0RC Log --FINAL--
Message-ID: <003801c11cda\$9aa46d80\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

N0RC Fox Log --FINAL--
Op Date: 01-Aug-2001, 0200-0400(Z)

Time	Call	RST	SPC	Name	PWR
----	----	---	---	-----	---
0200	N0IT	449	MO	Dave	5W
0201	K0EVZ	559	ND	Doc	5W
0202	KC1FB	599	CT	Jim	3W
0206	W9HL	599	IL	Randy	5W
0208	N1TP	599	FL	Tom	5W
0210	N0RA	579	VA	Dan	5W
0212	K4BYF	579	FL	Jack	5W
0213	K1VP	579	NH	Ed	5W
0217	K4GT	549	GA	Jim	5W
0220	K4TJD	559	GA	Tom	5W
0223	VA6RF	579	AB	Earl	5W
0225	NX8C	579	MI	Neil	5W
0229	W3CD	579	CA	Bob	5W
0229	KD5KXF	599	TX	Mike	5W
0232	K8CV	589	MI	Walt	5W
0233	W5YR	599	TX	George	5W
0235	KB9YIG	599	IN	Tony	5W
0236	WA7SPY	599	CA	Glenn	5W
0238	KJ0C	579	MO	Jim	5W
0239	W8YMO	579	OH	Harry	5W
0241	KE6RS	559	CA	Ron	5W
0247	NV4V	539	KY	Pete	5W
0248	KB3E0F	339	MD	Sandy	5W
0251	VW1MT	529	NS	Layton	5W
0253	AA50	559	LA	Vern	5W
0257	AA7EQ	559	AZ	Bob	5W
0259	KQ5U	599	TX	Terry	5W
0301	AC6UV	559	CA	Gody	5W
0306	KB7MBI	559	WA	Alan	5W
0311	W7DZN	599	NV	Lou	5W
0315	AG0T	339	ND	Todd	5W
0319	W0CH	229	MO	Dave	3W
0322	WV9N	559	OH	Randy	5W
0351	N0HRL	339	MN	Ken	5W
0400	N0RC	--the fox--			

73, Rod N0RC
Ft Collins, CO

Date: Sat, 04 Aug 2001 08:48:29 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104190] 20m Last Nite & DXCC
Message-ID: <3B6BEF1D.D769FCFC@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

As promised, I got on the sideband portions of 20m last night to test out the new antenna. Started a shade early (about 0250) and found the only hole in the 14.280's on the low end, 14.282. Starting calling cq with no responders, then suddenly heard a close-by "mumble". Tuned down a bit and caught Karel OK2FD starting to call cq. Bagged him with a report of 57. Ended up moving to the other end of the spectrum at 14.289 and called for 45 minutes with no takers. Had a break, came back to find an Estonia op was on the frequency, so search and pounced. Caught 9A7K a little later at 14.260.

Never did hear any North American ops calling cq.

Guess the antenna works ok!

Now where are those cards from my earlier qrp dxing? Time to go for some wallpaper!

73

Ken KG4FGC

Date: Sat, 4 Aug 2001 09:46:16 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [104191] 20 meter qrp rig for trade
Message-ID: <000901c11d04\$fb5dfcc0\$4d6e5a41@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an A&A Engineering 20 Meter qrp rig that I am interested

in swapping for a 40 meter qrp rig. Something along the lines of a SW-40. It must be small.

The A&A rig covers about 40kz. Has built in speaker and fine tune Control (not rit). The rig works as I have had two contacts since I got it. Reason for the trade is I now have an ant. That covers 40 mtrs.

If interested please contact me directly.

Thanks

John K2JHU...

jdorson@worldshare.net

Date: Sat, 04 Aug 2001 06:45:20 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [104192] Re: DOX: N0RC Log --FINAL--
Message-ID: <F223aYY61LEdyt3cew80000652a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

We've changed from foxes to weenie dogs? NOW I might have chance for a pelt!
;)

73 John K7FD

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Date: Sat, 04 Aug 2001 12:20:39 +0100
From: Larry Cahoon <lejek@erols.com>
To: "N7SG K7FD" <k7fd@hotmail.com>, qrp-1@lehigh.edu, elecraft@qth.net
Subject: [104193] Re: [Elecraft] The Great Battery Survey
Message-ID: <5.0.2.1.0.20010804121202.00a0fec0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sorry about that. I really have to do this stuff cut and paste to get it right - then too it would help if I put a link to it from my home page, then I wouldn't have to remember where I put it.

<http://www.qsl.net/wd3p/qrp/pwrcontest/pwrcontest.htm>

73 de Larry.....WD3P
<http://www.qsl.net/wd3p/>

At 07:40 PM 08/03/01 -0700, N7SG K7FD wrote:

>Hi Larry,
>
>I get a 'page not found' when I try to go to the link...
>
>73 John K7FD
>
>
><http://www.qsl.net/wd3p/pwrcontest/pwrcontest.htm>
>
>
>
>-----
>Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 04 Aug 2001 10:19:34 -0400
From: John Payne <paynej1@strato.net>
To: qrp-1@lehigh.edu
Subject: [104194] Poqet
Message-ID: <200108041419.KAA28303@green.strato.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anyone have a Poqet PC they wish to get rid of?
Would like serial cable, etc, but will take what I can get.

Thanks and 72/3

John N4FLJ

Date: Sat, 04 Aug 2001 07:23:37 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: w6zip@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104195] Re: RBA-1 Balun

Message-ID: <3B6C0569.8D75075E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Dooley wrote:

>
> I've just been to the LDG Electronics web site and spotted a liittle balun
> kit called the RBA-1. The article states: "The RBA-1 Balun was designed to
> allow easy interface of ladder line antennas and
> long wires to the LDG line of Automatic Antenna Tuners. The Balun operates
> "stand alone", thus does not require an LDG Tuner. It may be used with any
> of your long, random, or ladder line antenna projects. The unit is available
> in both kit and assembled form. The kit
> can be built in about 15 to 30 minutes. The small size and easy-to-build
> construction will make this balun a welcome
> station accessory."
> Has there been any reflector activity in regards to it's effectiveness? Can
> anyone offer some personal experiences with use of this product in QRP
> applications?

Try a google search for LDG Balun.

I have one, but I've never used it.

Phil W7OX

Date: Sat, 4 Aug 2001 08:47:53 -0600
From: William R Colbert <w5xe@juno.com>
To: aa5jj@swbell.net, qrp-1@lehigh.edu
Subject: [104196] Re: What is the BUZ SAW sound on 7.040
Message-ID: <20010804.084755.-17373.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

You have a choice of two from your description -
there was a discussion on here a couple of months
ago and some were indicating it was a jammer of the
Iraqi government against a transmission of the
Iranian government. The one I heard was a FDM
(frequency division multiplex) radio teleprinter
signal - numerous channels making it sound like a
buzzsaw. Those are normally operated by government

entities, but whose?

73

Ray

--

"The more I see of the representatives of the people,
the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP# 111, SOC#78, ARCI 5784, El Paso, (FAR WEST) TEXAS

Date: Sat, 04 Aug 2001 07:59:19 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [104197] NA QSO qrpParty Plans
Message-ID: <F15rpwACkWHZqYW8BYX0000dcaa@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

As much as I want to participate in WD3P's Power Mgmt Contest, I'm going to set aside the K1 today and play 'spider and the web' with my SST/20m. Since the screaming yellow zonker SST only tunes from 14.054 to 14.062, I'll be working only those stations who venture into this small web; last time I did this was in the CQ WW WPX and had a blast! Since I'll have the SST powered by a 24aH battery, there won't be much management going on...

CU at 1800z,

73 John K7FD

<http://www.teleport.com/~cqdx/mellow.htm>

PS. There's also a Ten-Ten contest going on this weekend, too...whoever works 5 stations will win! ;)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 4 Aug 2001 11:08:07 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <lhhousek@nvhbell.net>, "'Low Power Amateur Radio Discussion'" <qrp-

l@Lehigh.EDU>
Subject: [104198] RE: Homebrew Receiver Question
Message-ID: <000701c11cf7\$46c1f260\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In addition to the other comments here on the list, I'd like to say that a 100 mH inductor is not too difficult to get or make.

Suggestion: Try using an 88-mH toroid (if you can find one; they were quite popular years ago for use in RTTY filters, and I still see them now and then in the junkboxes at flea markets).

Or, wind one of your own. It will need more turns than you might be accustomed to when you wind an RF coil, but it's not that difficult. Find a good core and be patient adding the many, many turns. You may not get an ideal Q, depending on what gauge wire you use, but I don't think it would be that critical in an audio tuned circuit.

To tune it to value, put it in series with a known capacitance and a 10 kohm resistor. After calculating the series-resonant frequency, excite the circuit using an audio generator, and measure the voltage across the resistor with an ac voltmeter. At resonance, the impedance will drop, and the current will rise, and the voltage across the resistor will rise, giving you an indication of the resonant point. You can then add, or take off turns, or adjust the value of C, as needed.

-- Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of lhlousek
Sent: Friday, August 03, 2001 8:29 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Homebrew Receiver Question

Hi Eric,

Look at the very bottom of the following page. It has a schematic for a passive filter. I was thinking about trying it for my K1 or SST. The tough part will be finding a low resistance 100mH inductor. It might be more practical to build active filter with an opamp.

http://www.qsl.net/nogaqrp/projects/NOGApig_v2_1/NoGaPiG_Construction_Manual_Ver_2.1.html

Lou W7DZN

Date: Sat, 04 Aug 2001 08:11:48 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: k7fd@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104199] Re: NA QSO qrParty Plans
Message-ID: <3B6C10B4.946B5D10@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N7SG K7FD wrote:

>
> As much as I want to participate in WD3P's Power Mgmt Contest, I'm going to
> set aside the K1 today and play 'spider and the web' with my SST/20m. Since
> the screaming yellow zonker SST only tunes from 14.054 to 14.062, I'll be
> working only those stations who venture into this small web; last time I did
> this was in the CQ WW WPX and had a blast! Since I'll have the SST powered
> by a 24aH battery, there won't be much management going on...
>
> CU at 1800z,
>
> 73 John K7FD
> <http://www.teleport.com/~cqdx/mellow.htm>
>

John,

The best looking SST I've seen. I have an SST-40 (actually built by N7CEE) which is cosmetically nice, and an SST-30 (built by me and truly ugly). None for 20 m though .. and now that I have the K1, there is not likely to be an SST-20 here.

But a 24 A-H battery: That yellow critter must be a real power hog :-;

73, Phil W7OX

Date: Sat, 4 Aug 2001 09:55:43 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Scott Ehrlich <se@panix.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104200] Re: Apartment antenna ideas?
Message-ID: <Pine.LNX.4.33.0108040949490.1928-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Scott, I made the dipole found at www.qsl.net/w3ff from parts purchased at Radio Shack and a hardware store. It cost about \$30 and on 20 meters I worked the Fox for 2 weeks solid using this antenna.

You could get a 10 foot telescoping paint pole from WalMart for \$10.00 that will hold it up when placed in a tripod like Radio Shack sells. I would keep the thing in the house but for DXing I would put it in the parking lot at 10 feet high.

On Fri, 3 Aug 2001, Scott Ehrlich wrote:

> Hello to all:
>
> I live in a second story apartment with a sliding window and screen which
> opens to the parking lot of the complex. I have placed an order for a
> Small Wonders Labs PSK-30. What kind of antenna might be recommended?
> It would be difficult to place anything outside, unless I could try and
> clamp it to the window sill. The other option is something
> ceiling-mounted, like a wire.
>
> I know this is a constantly repeated question. I've also ordered the ARRL
> QRP handbook.
>
> Thanks in advance.
>
> 73,
> Scott, WY1Z
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 04 Aug 2001 09:58:50 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [104201] AA5B On from Wheller Peak NOW
Message-ID: <B79177DA.C707%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

At 1555 Z, Bruce, AA5B. is on 14.061 from Wheeler Peak, NM's highest mountain. He is weak here, but it is line of sight over about 175 miles or so. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 4 Aug 2001 12:15:22 EDT
From: RangerSF5@aol.com
To: k5di@zianet.com, qrp-1@lehigh.edu
Subject: [104202] Re: Apartment antenna ideas?
Message-ID: <4b.f2e90d0.289d799a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 8/4/01 11:53:40 AM Eastern Daylight Time, k5di@zianet.com writes:

<<

Scott, I made the dipole found at www.qsl.net/w3ff from parts purchased at Radio Shack and a hardware store. It cost about \$30 and on 20 meters I worked the Fox for 2 weeks solid using this antenna.

>>

I made the shortened 20-Meter dipole and it's appx 17.5 feet long.
I tune it with my version of the pill bottle but a tuner is not really needed if the antenna is there to stay.
Cut and prune it and it covers the whole CW band
Bob
WA2HOQrp <tm>

Date: Sat, 4 Aug 2001 10:31:56 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>

To: Larry Cahoon <lejek@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104203] Re: The Great Battery Survey
Message-ID: <Pine.LNX.4.33.0108041031010.1943-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Larry, tried to reach the website you list below and it doesn't exist.
Please send a correction.

On Fri, 3 Aug 2001, Larry Cahoon wrote:

> I asked that those who used batteries for the flight of the bumblebees send
> me some data on how they held up for the contest. Well I didn't get an
> overwhelming response - a grand total of the guys sent something. I
> appreciate the effort and the results are informative.
>
> 1. All used the K1
> 2. All used NiMH AA batteries.
> 3. None had a problem getting the batteries to last the duration - two
> worked the full four hours.
> 4. The two who went the full four hours did most CQ rather than hunt and
> pounce.
> 5. Best showing was 68 QSOs - this was 75% CQ running 3 watts with 8 -
> 1600 mAh double AAs.
>
> Now let's see what kind of results we get from the "Power Management
> Contest" tomorrow that piggybacks on the NA QSO Party. Rules are at
> <http://www.qsl.net/wd3p/pwrcontest/pwrcontest.htm>
>
> Remember you are limited to using 10 AA batteries of any type. When those
> 10 batteries are dead the piggyback contest is over - be sure to continue
> in the regular contest and send in your logs.
>
> 73 de Larry.....WD3P in MD
> <http://www.qsl.net/wd3p/>
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 4 Aug 2001 10:54:00 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Phil Wheeler <w7ox@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104204] Re: RBA-1 Balun
Message-ID: <Pine.LNX.4.33.0108041051140.2006-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The RBA-1 Balun *MAY* be ok now. Open it up and if the toroid material is unpainted or just black painted then it's ok. If it's red than don't buy it. Those were made with powdered iron toroids and don't work for obvious reasons.

On Sat, 4 Aug 2001, Phil Wheeler wrote:

>
>
> John Dooley wrote:
> >
> > I've just been to the LDG Electronics web site and spotted a liittle balun
> > kit called the RBA-1. The article states: "The RBA-1 Balun was designed to
> > allow easy interface of ladder line antennas and
> > long wires to the LDG line of Automatic Antenna Tuners. The Balun operates
> > "stand alone", thus does not require an LDG Tuner. It may be used with any
> > of your long, random, or ladder line antenna projects. The unit is available
> > in both kit and assembled form. The kit
> > can be built in about 15 to 30 minutes. The small size and easy-to-build
> > construction will make this balun a welcome
> > station accessory."
> > Has there been any reflector activity in regards to it's effectiveness? Can
> > anyone offer some personal experiences with use of this product in QRP
> > applications?
>
> Try a google search for LDG Balun.
>
> I have one, but I've never used it.
>
> Phil W7OX
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 4 Aug 2001 10:56:09 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "James R. Duffey" <jamesd1@flash.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104205] Re: AA5B On from Wheller Peak NOw
Message-ID: <Pine.LNX.4.33.0108041055160.2006-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I wonder if Bruce plans to use 40 meters. I might hear him down here in Las Cruces, NM on 40.

On Sat, 4 Aug 2001, James R. Duffey wrote:

> At 1555 Z, Bruce, AA5B. is on 14.061 from Wheeler Peak, NM's highest
> mountain. He is weak here, but it is line of sight over about 175 miles or
> so. - Dr. Megacycle KK6MC/5
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 04 Aug 2001 09:51:58 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104206] Re: The Great Battery Survey
Message-ID: <3B6C282E.1102579D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Worked for me an hour or so ago, but not now.

Went to his main site and I find no link to the contest rules.

Puzzling!

Phil

"Karl F. Larsen" wrote:

>

> Larry, tried to reach the website you list below and it doesn't exist.

> Please send a correction.

>

> On Fri, 3 Aug 2001, Larry Cahoon wrote:

>

> > I asked that those who used batteries for the flight of the bumblebees send

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> > overwhelming response - a grand total of the guys sent something. I

> > appreciate the effort and the results are informative.

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> > pounce.

> > 5. Best showing was 68 QSOs - this was 75% CQ running 3 watts with 8 -

> > 1600 mAh double AAs.

> >

> > Now let's see what kind of results we get from the "Power Management

> > Contest" tomorrow that piggybacks on the NA QSO Party. Rules are at

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> >

> > Remember you are limited to using 10 AA batteries of any type. When those

> > 10 batteries are dead the piggyback contest is over - be sure to continue

> > in the regular contest and send in your logs.

> >

> > 73 de Larry.....WD3P in MD

> > <http://www.qsl.net/wd3p/>

> >

> >

>

> --

> Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 04 Aug 2001 11:53:50 -0500

From: "George, W5YR" <w5yr@att.net>

To: w7ox@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [104207] Re: RBA-1 Balun

Message-ID: <3B6C289E.CD0350AD@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Phil, is it a current (choke) balun or a voltage balun? Transformation ratio?

Yep, I'm using you instead of looking it up! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Phil Wheeler wrote:

> I have one, but I've never used it.

Date: Sat, 4 Aug 2001 12:55:18 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "QRP-Post" <qrp-l@Lehigh.EDU>
Subject: [104208] Any thoughts? PW-1 -> 160 Meter
Message-ID: <GAECLOGOMILPLBGKKPEGEEPBACKAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have PW-1 Antenna and am quite happy with it, but just had a thought. If you have the optional coil it goes to 80 meters quite nicely and tuning wise is very well behaved.

Question:

Would the [second] optional coil in series or something like that get us into the 160 meter band?

I have sent this question, but being busy as I am sure he is I have not heard anything back. This was just one of those 'what if' type questions.

Anyone have any thoughts on this?

=====

Chuck Mabbott
AA8VS

42 19' 52" N 83 28' 32" W
Grid Square EN82gh
Home Page: <http://aa8vs.dhs.org/aa8vs>
FP-113 MI-QRP#1212 Firebirds #2117 SOC #445

Date: Sat, 04 Aug 2001 16:59:54 +0100
From: Larry Cahoon <lejek@erols.com>
To: w7ox@earthlink.net, elecrafft@qth.net, qrp-1@lehigh.edu
Subject: [104209] Re: The Great Battery Survey
Message-ID: <5.0.2.1.0.20010804165658.00a11950@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Phil - he had the old one that I left the QRP out of - I corrected it once to the list. But with all the traffic, and it looks so much the same it may have been missed. I do need to put a link from the main page, but in the rush to get it set up - plus a two day work offsite this week that just didn't get done.....

<http://www.qsl.net/wd3p/qrp/pwrcontest/pwrcontest.htm>

73 de Larry.....WD3P

At 09:51 AM 08/04/01 -0700, you wrote:

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>

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> > >
> > >
> >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 4 Aug 2001 13:01:17 -0500
From: "Len Revelle" <lenrev@ameritech.net>
To: <lejek@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104210] RE: The Great Battery Survey
Message-ID: <JDEJKNHICDBPHBFOCEJMOEDJCFAA.lenrev@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Mine has a pix (pre-assembled) showing black core.

Len Revelle N9IJ
AMA 60055 LSF 7492
lenrev@ameritech.net
lrevelle@palm.net

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Larry Cahoon
Sent: Saturday, August 04, 2001 11:00 AM
To: Low Power Amateur Radio Discussion
Subject: Re: The Great Battery Survey

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> > > 1600 mAh double AAs.
> > >
> > > Now let's see what kind of results we get from the "Power Management
> > > Contest" tomorrow that piggybacks on the NA QSO Party. Rules are at
> > > <http://www.qsl.net/wd3p/pwrcontest/pwrcontest.htm>
> > >
> > > Remember you are limited to using 10 AA batteries of any type. When
> those
> > > 10 batteries are dead the piggyback contest is over - be sure to
continue
> > > in the regular contest and send in your logs.
> > >
> > > 73 de Larry.....WD3P in MD
> > > <http://www.qsl.net/wd3p/>
> > >
> > >
> >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 04 Aug 2001 14:08:24 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [104211] Re: Apartment antenna ideas?
Message-ID: <3B6C3A18.5B160236@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

I don't want to start a thread that says my antenna is better than yours! Scott has a simple problem, he wants a simple antenna. Let him start that way. I'm sure the W3FF dipole is a great antenna. It is not a big reduction in size from a full sized a20 meter antenna, 20 feet vs. 33 feet. Having built a very successful 20 meter antenna that was only 3 meters long end to end, I could also say mine would work.

BUT, the idea of putting one up on a 10 foot pole in the parking lot

seems to do what Scott does not want - it calls attention to his hobby for all his neighbors to see! It might not matter what you put up in your own driveway, or at a campground, but in a common area like an apartment parking lot there are a whole bunch of negative issues. Your neighbors will know what you are doing - every TV set in the building will break and it will be your fault! Cars entering the parking lot may hit the antenna resulting in damages. Your landlord might ask you to move! Think about it.

The W3FF antenna, or mine, for that matter, if installed inside might work. I used my 20 meter dipole hanging in my bedroom for a year or so with very good results.

73

Date: Sat, 4 Aug 2001 13:25:22 -0500
From: "Rob Matherly" <kc0bom@yahoo.com>
To: "Michael Bower" <bowerm@ix.netcom.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [104212] OT: Slash Zero
Message-ID: <002801c11d12\$d6e2f720\$5211a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi;

If you hold down alt and type 0216 on the keypad, repeat, keypad (won't work if you don't) it should give you this, , a zero with a slash through it. If you don't see it, it's because it only seems to work on Windows operating systems. It's an extended ASCII character that other os's won't accept for some reason.(Oh, that's gonna get me flamed...) . From what I am told, it is actually a Swedish or Nordic (sp?) letter. Either way, it spices up a zero call a little bit :-)

72/73

Rob, kc0bom

----- Original Message -----
From: Michael Bower <bowerm@ix.netcom.com>
To: <kc0bom@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, August 04, 2001 6:24 AM
Subject: Re: What is the BUZ SAW sound on 7.040

> Ok, I'll bite. What is the alt-0-2-1-6 trick???

>

> Curios minds need to know.

>

> N4NMR

>

>

> Rob Matherly wrote:

> >

> > Oh. I see the alt-0-2-1-6 trick doesn't work here. Dang.

> >

> > Rob, kc_0_bom

> >

> > ----- Original Message -----

> > From: Rob Matherly <kc0bom@yahoo.com>

> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> > Sent: Friday, August 03, 2001 9:57 PM

> > Subject: Re: What is the BUZ SAW sound on 7.040

> >

> > > I'm hearing something like that on 7.050. I've heard it before, but don't

> > > have the foggiest idea what it is!

> > >

> > > Rob, kc bom (woo, fancy zero!)

> > >

> > > ----- Original Message -----

> > > From: Wayne <aa5jj@swbell.net>

> > > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

> > > Sent: Friday, August 03, 2001 9:46 PM

> > > Subject: What is the BUZ SAW sound on 7.040

> > >

> > >

> > > > There is a BUZ SAW sound on 7.040 that I have never heard before any

> > > > ideas

> > > > what this is ?

> > > >

> > > > Wayne AA5JJ

> > > >

> > > >

> > > > -----

> > > > Do You Yahoo!?

> > > > Get your free @yahoo.com address at <http://mail.yahoo.com>

> > > >

> > > > -----

> > > > Do You Yahoo!?

> > > > Get your free @yahoo.com address at <http://mail.yahoo.com>

>
> --
> 73 de N4NMR
> Michael Bower
> Ashburn, VA (near Washington, D.C.)

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sat, 4 Aug 2001 14:30:18 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104213] Re: Apartment antenna ideas?
Message-ID: <000a01c11d2c\$a96c5420\$566e5a41@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce. You hit the nail on the head. I guess this why I get over 100 e-mails a day. Someone ask a simple and very direct question and all of a sudden there are a mountain of e-mails with advice, comments that have not much to do with the question at hand. I know some of you will be ((((((off by this but that is the way I see it.

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, August 04, 2001 11:08 AM
Subject: Re: Apartment antenna ideas?

>
> Guys,
>
> I don't want to start a thread that says my antenna is better than
> yours! Scott has a simple problem, he wants a simple antenna. Let him
> start that way. I'm sure the W3FF dipole is a great antenna. It is not
> a big reduction in size from a full sized a20 meter antenna, 20 feet vs.
> 33 feet. Having built a very successful 20 meter antenna that was only
> 3 meters long end to end, I could also say mine would work.
>

> BUT, the idea of putting one up on a 10 foot pole in the parking lot
> seems to do what Scott does not want - it calls attention to his hobby
> for all his neighbors to see! It might not matter what you put up in
> your own driveway, or at a campground, but in a common area like an
> apartment parking lot there are a whole bunch of negative issues. Your
> neighbors will know what you are doing - every TV set in the building
> will break and it will be your fault! Cars entering the parking lot may
> hit the antenna resulting in damages. Your landlord might ask you to
> move! Think about it.
>
> The W3FF antenna, or mine, for that matter, if installed inside might
> work. I used my 20 meter dipole hanging in my bedroom for a year or so
> with very good results.
>
> 73
>

Date: Sat, 04 Aug 2001 11:54:07 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: JDORSON@worldshare.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104214] Re: Apartment antenna ideas?
Message-ID: <3B6C44CF.F3DE2B75@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Dorson wrote:

>
> Bruce. You hit the nail on the head. I guess this why I get over 100 e-mails
> a day. Someone ask a simple and very direct question and all of a sudden
> there are a mountain of e-mails with advice, comments that have not much to
> do with the question at hand.

Ain't it the truth!

Phil

Date: Sat, 4 Aug 2001 13:09:46 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu

Subject: [104215] Re: AA5B On from Wheller Peak NOW--should be Wheeler Peak
Message-ID: <20010804.130947.-17373.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Lookin' back at the digest, (archive for yesterday) he is
on or about 14.060. And he was planning to be off the
hill by 2 MDT due to thunderstorms.

73

"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Sat, 04 Aug 2001 15:14:11 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104216] HB: IC Sub List?
Message-ID: <3B6C4983.BD9FB6D6@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know of a list on-line of common substitutions for specific
IC chips?

Have been looking to see what might work for an LM 358 but didn't come
up with one.

73,

Ken KG4FGC

Date: Sat, 04 Aug 2001 12:24:05 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: hoglund@wfu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104217] Re: HB: IC Sub List?

Message-ID: <3B6C4BD5.2F4B3C57@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kenneth Hoglund wrote:

>
> Does anyone know of a list on-line of common substitutions for specific
> ic chips?
>
> Have been looking to see what might work for an LM 358 but didn't come
> up with one.
>

NTE has a cross-reference option here:

<http://www.ntelinc.com/>

Phil

Date: Sat, 4 Aug 2001 12:32:17 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [104218] Re: Any thoughts? PW-1 -> 160 Meter
Message-ID: <MABBJ0EABOILMKCJCLFCGELACJAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck

Considering that a quarter wave is somewhere around 125 feet or so, the PW-1
with all the loading coils would be very short for the frequency.
Maybe approximating a point source :-)
73, Bob N6WG

Date: Sat, 04 Aug 2001 12:51:00 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: n6wg@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104219] Re: Any thoughts? PW-1 -> 160 Meter

Message-ID: <3B6C5224.185307C6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Tellefsen wrote:

>
> Chuck
> Considering that a quarter wave is somewhere around 125 feet or so, the PW-1
> with all the loading coils would be very short for the frequency.
> Maybe approximating a point source :-)

Very good point, Bob. But it would be easy to model :-;

Phil

Date: Sat, 04 Aug 2001 16:04:55 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104220] Re: RBA-1 Balun
Message-ID: <3B6C5567.E258AB1B@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

It is only a choke if you put it around your neck.... 8-)..

Jerry
W3CDE

"George, W5YR" wrote:

>
> Phil, is it a current (choke) balun or a voltage balun? Transformation
> ratio?

Date: Sat, 04 Aug 2001 16:13:23 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>

To: w7ox@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104221] Re: HB: IC Sub List?
Message-ID: <3B6C5763.E5AE585D@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Found this by accident... Real nice site for IC's etc.. and
SPICE data 8-) Saves "da" typing.

Jerry
W3CDE

Phil Wheeler wrote:

>
> Kenneth Hoglund wrote:
> >
> > Does anyone know of a list on-line of common substitutions for specific
> > ic chips?
> >
> > Have been looking to see what might work for an LM 358 but didn't come
> > up with one.
> >
>
> NTE has a cross-reference option here:
>
> <http://www.nteinc.com/>
>
> Phil

Date: Sat, 4 Aug 2001 16:33:39 -0400
From: <brownh@hartford-hwp.com>
To: david.gauding@bbs.galilei.com
Cc: qrp-1@Lehigh.EDU
Subject: [104222] Re: Apartment antenna ideas?
Message-ID: <200108042033.f74KXd600627@hartford-hwp.com>

Something that I've wondered about is when you have an apartment with
a large picture window area, but otherwise you are surrounded on all
sides by steel: gluing an antenna to the glass.

Can anyone point to studies of this approach?

--

Haines Brown
brownh@connix.com
kb1grm@arrl.net
www.hartford-hwp.com

Date: Sat, 04 Aug 2001 16:51:36 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104223] Re: HB: IC Sub List?
Message-ID: <3B6C6057.C96E62D4@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I guess If I pasted the right stuff in, it be a whole bunch better...

<http://www.geda.seul.org/index.html>

Jerry L.

"W3CDE Jerry L." wrote:

>
> Found this by accident... Real nice site for IC's etc.. and
> SPICE data 8-) Saves "da" typing.
>
> Jerry
> W3CDE
>
> Phil Wheeler wrote:
> >
> > Kenneth Hoglund wrote:
> > >
> > > Does anyone know of a list on-line of common substitutions for specific
> > > ic chips?
> > >
> > > Have been looking to see what might work for an LM 358 but didn't come
> > > up with one.
> > >
> >
> > NTE has a cross-reference option here:
> >
> > <http://www.nteinc.com/>
> >
> > Phil

Date: Sat, 4 Aug 2001 14:02:38 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-l@lehigh.edu>, "azqrp" <azqrp@extremezone.com>
Subject: [104224] Tuthill Badges
Message-ID: <001301c11d28\$cbc88ce0\$6b127d3f@de11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those of you registering for Tuthill, we had promised badges. Jerry Parker had a work emergency that precluded his attending, so he express-mailed the badges to us.

Well, the USPS, in it's flawless manner, delivered them to Chuck on Monday, 8/1.

If you would like to have your badge, please send a self-addressed, stamped envelope (34 cent stamp) to:

Gerry Elam K7LR0
16823 S. 8th Street
Phoenix, AZ 85048

Jerry will ship your badge right back to you.

Sorry for the delay and inconvenience, but we have had many requests for badges, and this is the best way we can figure to get them. Good souvenir :^)

Bob NK7M

Date: Sat, 04 Aug 2001 17:42:05 -0400
From: Lourette <lourette@localnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104225] Antenna feed line length?
Message-ID: <3.0.5.32.20010804174205.007f3590@localnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi,

My first 40M antenna is a Half square. I seem to be doing well regionally with it. I am on 7.100 - 7.140. I can't hear to much at night due to foreign broadcasts.

My question is this. I am feeding it with 150feet of feed line. Does the feed line have to be a multiple of 1/2 wave?

Thanks

Richard

--

Richard Lourette
AB2MD
lourette@localnet.com

Date: Sat, 4 Aug 2001 17:46:25 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: John Dooley <w6zip@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104226] Re: RBA-1 Balun
Message-ID: <Pine.LNX.4.10.10108041744171.30532-1000000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 3 Aug 2001, John Dooley wrote:

> I've just been to the LDG Electronics web site and spotted a liittle
> balun kit called the RBA-1. The article states: "The RBA-1 Balun was
> designed to allow easy interface of ladder line antennas and long
> wires to the LDG line of Automatic Antenna Tuners. The Balun operates
> "stand alone", thus does not require an LDG Tuner. It may be used with
> any of your long, random, or ladder line antenna projects. The unit is
> available in both kit and assembled form. The kit can be built in
> about 15 to 30 minutes. The small size and easy-to-build construction
> will make this balun a welcome station accessory."

It took me a little longer to build than that, but winding torroids and I seem to not get along.

Other than that, it was an easy kit to construct. It seems to work, although I have only on-the-air experience and not test equipment to measure it's performance. I use it with the built-in tuner on my K1 and have been trying an assortment of center-fed dipole and end-fed wires so far.

> Has there been any reflector activity in regards to it's effectiveness? Can
> anyone offer some personal experiences with use of this product in QRP

There is now!

73 Steve KA1LM

Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org
Herndon, VA 1-703-421-7101 office 1-703-980-3475 cell

Date: Sat, 04 Aug 2001 18:02:43 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [104227] 80 meter QRPp CW beacon / propagation study
Message-ID: <F129xMCTG1spPBdfAYt00005734@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, gang.

I'm running a fifty milliwatt (as measured at the rig's output) CW beacon
near 3579.9 kHz.

First person to post the entire text of this beacon to QRP-L wins one
attaboy / attagirl, as the case may be.

This beacon will remain active until/unless I receive reports of its causing
QRM, on/off-air consternation etc.

73.

Bill, N4QA

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 04 Aug 2001 15:08:26 -0700

From: Phil Wheeler <w7ox@earthlink.net>
To: n4qa@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104228] Re: 80 meter QRPP CW beacon / propagation study
Message-ID: <3B6C725A.80460FE7@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Bill, N4QA" wrote:

>
> Hi, gang.
>
> I'm running a fifty milliwatt (as measured at the rig's output) CW beacon
> near 3579.9 kHz.
>
> First person to post the entire text of this beacon to QRP-L wins one
> attaboy / attagirl, as the case may be.

Well .. kinda discriminating against us Left Coast guys; only 1508 PDT
here :-;

Phil

Date: Sat, 04 Aug 2001 15:20:44 -0700
From: lhlousek <lhlousek@nvhbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>
Subject: [104229] Atomic Clocks/Thermometer at Costco
Message-ID: <005901c11d33\$b48a88c0\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

A month or so ago there was a thread about Atomic Clocks with wireless outdoor temperature sensors for sale at Sam's. I was at Costco today and they have a combo Atomic clock with indoor temp and wireless outdoor temp for \$22.95. The clock is roughly 11.5" x 7.5" x 1.3" and has time digits about 1.75" high. It has a seperate displays for day, date, indoor and outdoor temp (C or F). It also displays in 24hr format and can be set to display GMT.

I never saw the one at Sam's but this one look pretty nice.

Lou W7DZN

Date: Sat, 04 Aug 2001 16:50:34 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>, <lourette@localnet.com>
Subject: [104230] Re: Antenna feed line length
Message-ID: <B791D85A.C739%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Richard - No you don't need to feed the antenna with a feed line whose length is a half wave. That is a myth. Any length will usually do. Depending on your antenna tuner design; it may prefer a particular combination of resistance and reactance presented by some definite feedline length, but that is usually not the case.

Sounds like a neat antenna. - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 04 Aug 2001 18:52:47 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: w7ox@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [104231] Re: 80 meter QRPp CW beacon / propagation study
Message-ID: <F109i3s1wsXZZTHfyQg000004a3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

ahem...

Phil is right !

Ok, ok, EVERYONE who follows the directions in the beacon text will receive an attaboy/attagirl, posted to QRP-L !

Since the beacon *MAY* run all the way through next winter(24-7), everyone should get a 'chance' :)

73.

Bill, N4QA

```
>From: Phil Wheeler <w7ox@earthlink.net>
>To: n4qa@hotmail.com
>CC: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Subject: Re: 80 meter QRPp CW beacon / propagation study
>Date: Sat, 04 Aug 2001 15:08:26 -0700
>
>
>
>"Bill, N4QA" wrote:
> >
> > Hi, gang.
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> > I'm running a fifty milliwatt ( as measured at the rig's output ) CW
>beacon
> > near 3579.9 kHz.
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> > First person to post the entire text of this beacon to QRP-L wins one
> > attaboy / attagirl, as the case may be.
>
>Well .. kinda discriminating against us Left Coast guys; only 1508 PDT
>here :-;
>
>Phil
```

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

End of QRP-L Digest 2271

